

Claims

1. A convertible (1) with a roof (2), which can be stowed in the rear region (3) of the vehicle beneath a lid part (4), it being possible to open and close the lid part (4), on the one hand, for unblocking an opening (7) for the passage of the roof (2) adjacent to the front region (4a) of the lid part (4) and, on the other, for unblocking an opening (8) for luggage, adjacent to the rear end region (9), an auxiliary frame (11) being disposed beneath the lid part (4) and connected in the, in the driving direction (F), pre-disposed area over a multiple joint (14) with the lid part (4) and mounted moveably with respect to the vehicle body in its rear region (12), wherein the multiple joint (14), while the opening (7) for the passage of the roof (2) is unblocked, is held in stood-up position, which enlarges the distance between the lid part (4) and the auxiliary frame (11) relative to that of the closed position.

2. The convertible of claim 1, wherein the multiple joint (14) comprises at least two coupled, partial joints (15; 16), of which one (15) is mounted at the lid part (4) and one (16) at the auxiliary frame (11).

3. The convertible of claim 2, wherein the partial joints (15; 16) are connected with one another over a rigid coupling body (17), which, outside of its connection to the partial joints (15; 16), is freely moveable in the opened position of the lid part (4) for unblocking the opening (7) for the passage of the roof (2).

4. The convertible of one of the claims 1 to 3, wherein the partial joints (15; 16) in each case comprise several guide rods (23, 24; 29, 30), which are pivotably connected with the coupling body (17)

5. The convertible of one of the claims 3 to 4, wherein the partial joints (15; 16) in each case comprise two joint points (21, 22; 25, 26) which are mounted at the coupling body (17).

6. The convertible of one of the claims 3 to 5, wherein the partial joint (15), assigned to the lid part (4), has two joint points (19; 20), which are mounted at the lid part (4), and the partial joint (16), assigned to the auxiliary frame (11), has two joint points (27, 28), which are mounted at the auxiliary frame (11).

7. The convertible of one of the claims 1 to 6, wherein the partial joint (16), which is connected with the auxiliary frame (11), causes the guide rod (23; 24) of the partial joint (15), which is connected with the lid part (4), to stand up over a movement of the auxiliary arm (11) and a coupling with the coupling body (17).

8. A convertible (101) with a roof (102), which can be stowed in the rear region (103) of the vehicle beneath a lid part (104), it being possible to open and close the lid part (104), one the one hand, for unblocking an opening (107) for the passage of the roof (102), adjacent to the front end region (115) of the lid part (104) and, on the

other, for unblocking an opening (108) for luggage, adjacent to the rear end region (109) of the lid part (104), an auxiliary frame (111; 111.1) being disposed beneath the lid part (104) and connected in the, in the driving direction (F), pre-disposed area over a multiple joint (114; 114.1) with the lid part (104) and mounted moveably with respect to the vehicle body in its rear region (112; 112.1), wherein the multiple joint (114; 114.1), during the unblocking of the opening (107) for the passage of the roof (102), is held in an opened position, which increases the distance between the lid part (104) and the auxiliary frame (111; 111.1) in comparison to the distance in the closed position.

9. The convertible of claim 8, wherein the multiple joint (114; 114.1) is a quadruple joint, two joint points (116, 117; 116.1, 117.1) being assigned to the lid part (104) and two further joint points (118, 119; 118.1, 119.1) being assigned to the auxiliary frame (111; 111.1).

10. The convertible vehicle of one of the claims 8 and 9, wherein the joint point or points (118, 119, 118.1, 119.1), assigned to the auxiliary frame (111, 111.1), are held so that they can be shifted with respect to the auxiliary frame (111, 111.1).

11. The convertible vehicle of claim 10, wherein the shiftability during the opening of the lid part (104) for unblocking the opening (108) for luggage is inhibited.

12. The convertible vehicle of one of the claims 8 to 11, wherein at least one elongated hole, functioning as a sliding block guide (123; 124; 123.1) is constructed for shifting the joint point or points (118, 119, 118.1, 119.1) assigned to the auxiliary frame (111, 111.1).

13. The convertible of one of the claims 8 to 12, wherein two joint points (118, 119) in the auxiliary frame (111) are held in two elongated holes (123; 124), which extend essentially linearly and, in the closed position, in the driving direction.

14. The device of claim 13 wherein, in the closed position of the lid part (104), the joint points (118, 119) are held in elongated holes (123; 124) in an extreme front position and, during the opening process of the lid part (104), for unblocking the opening (107) for the passage of the roof, initially can be shifted in a rearward direction and, as the opening process is continued, can be shifted once again in the direction of the extreme front region.

15. The device of one of the claims 8 to 12, wherein the joint (114.1) is a quadruple joint and two of the joint points (118.1; 119.1) are assigned to the lid part (104) and two further ones to the auxiliary frame (111.1), the joint points (118.1; 119.1), assigned to the auxiliary frame (111.1), being moveable in a common sliding-block guide (123.1).

16. The convertible of claim 15, wherein the sliding-block guide (123.1) is curved upward.

17. The device of one of the claims 14 or 15, wherein, when the lid part (104) is closed, the two joint points (118.1; 119.1), assigned to the auxiliary frame (111.1), are held in a, in the driving direction (F), extreme rear position.

Abstract of the Disclosure

A convertible (1) with a roof (2), which can be stowed in the rear region (3) of the vehicle beneath a lid part (4), it being possible to open and close the lid part (4), on the one hand, for unblocking an opening (7) for the passage of the roof (2) adjacent to the front region (4a) of the lid part (4) and, on the other, for unblocking an opening (8) for luggage, adjacent to the rear end region (9), an auxiliary frame (11) being disposed beneath the lid part (4a) and connected in the, in the driving direction (F), pre-disposed area over a multiple joint (14) with the lid part (4) and mounted moveably with respect to the vehicle body in its rear region (12), wherein the multiple joint (14), while the opening (7) for the passage of the roof (2) is unblocked, is held in stood-up position, which enlarges the distance between the lid part (4) and the auxiliary frame (11) relative to that of the closed position.